*NOTE....the VOA narrative was left out of this report (1202004)*

The sample vial for the Glycols analysis was received broken for 1202004-22. All samples were received at proper temperature

**SVOAs Analysis Note:**
Sample 1202004-29 was re-extracted due to a laboratory error. Although re-extraction was successful, results for sample 1202004-29 are suspect. Although, all QC and lab blanks are acceptable for sample 1202004-29, low levels of certain compounds detected indicate possible glassware contamination.

For this project two additional compounds are added to the SVOC analysis; 2-methoxyethanol and 1-methylnaphthalene. A separate calibration curve is used these compounds with quality control requirements per the On-Demand protocol. For 2-methoxyethanol, the analysis is also being completed on each sample using the HPLC/MS/MS technique (Glycol analysis). Since SVOC extraction efficiencies are problematic for 2-methoxyethanol, the results from the HPLC/MS/MS technique should be used for these samples.

Results for samples 1202004-01 thru -28, for 2-methoxyethanol, 3,3'-dichlorobenzidine, and 2,4-dinitrophenol are considered rejected (qualified "R") due to zero percent recovery in the low-spike quality control check and lack of a mid-spike quality control check. Quantitation limits for pentachlorophenol, 4,6-dinitro-2-methylphenol, and 4-chloroaniline are qualified estimated "UJ" due to low percent recovery in the low-spike quality control check. The mid-spike quality control check was broken before it could be analyzed.

The quantitation limits for samples 1202004-30 thru -32 for 3,3'-dichlorobenzidine, pentachlorophenol, 4,6-dinitro-2-methylphenol, 2,4-dinitrophenol, and 2-methoxyethanol are elevated due to zero or low percent recovery in the low-spike quality control check. The mid-spike quality control check was acceptable.

The quantitation limits for sample 1202004-29 for pentachlorophenol and 4,6-dinitro-2-methylphenol are qualified "UJ" due to low percent recovery in the low-spike quality control check. The sample result for atrazine is qualified estimated "J" due to low percent recovery in the low-spike quality control check. The quantitation limit for 2,4-dinitrophenol is elevated due to zero percent recovery in the low-spike quality control check. The mid-spike quality control results are acceptable. The results for 3,3'-dichlorobenzidine, 3-nitroaniline, 4-chloroaniline , and 2-methoxyethanol are considered rejected (qualified "R") due to zero or low percent recovery in the low and mid-spike quality control checks.

Four out of six surrogates recoveries are below acceptance limits for sample 1202004-08; therefore, quantitation limits are qualified estimated "UJ" for all non-detected analytes. Low internal standard counts were observed in sample 1202004-32; therefore, quantitation limits for n-nitrosodimethylamine, benzaldehyde, phenol, bis(2-chloroethyl)ether, 2-chlorophenol, 2-methylphenol, bis(2-chloroisopropyl)ether, acetophenone, 4-methylphenol, hexachloroethane, n-nitroso-di-n-propylamine, and 1-methylnaphthalene are qualified estimated "UJ".

In the report, only 16 compounds are reported for spike quality control check samples. Quality control information for the remaining compounds is available in the case file.

**TDS/TSS Analysis Note:**
As required for this project, sample results were qualified "B" when the TDS value was less than 10X the value reported for contaminated blanks. All samples with detectable results were qualified "B" due to the field blank (FB14) contamination

**Nitrite/Nitrate and Total Nitrogen Analysis Note:**
Result for total nitrogen for sample 1202004-28 was qualified estimated 'J' due to the laboratory matrix spike results outside of criteria limits.

**Oil and Grease Analysis Note:**
The quantitation limit for all samples was qualified estimated 'UJ' due to the laboratory minimum reporting limit quality control checks, one matrix spike, and one blank spike outside of criteria limits.

**Total Phosphorus Analyses Note:**
Results for sample 1202004-21 was qualified estimated 'J' due to the laboratory matrix spike results outside of criteria limits.


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